

\$%^STN;HighlightOn= \*\*\*;HighlightOff=\*\*\* ;

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
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=> file agricola biosis embase caplus

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FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 16:29:47 ON 28 SEP 2002

FILE 'BIOSIS' ENTERED AT 16:29:47 ON 28 SEP 2002

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FILE 'EMBASE' ENTERED AT 16:29:47 ON 28 SEP 2002

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FILE 'CAPLUS' ENTERED AT 16:29:47 ON 28 SEP 2002

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=> s glucosidase and potato

L1 321 GLUCOSIDASE AND POTATO

=> s l1 and transform?\

L2 8 L1 AND TRANSFORM?\

=> s l1 and transform?

L3 8 L1 AND TRANSFORM?

=> duplicate remove l3

DUPLICATE PREFERENCE IS 'EMBASE, CAPLUS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L3

L4 8 DUPLICATE REMOVE L3 (0 DUPLICATES REMOVED)

=> d l4 1-4

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2002 ACS

AN 2002:408816 CAPLUS

DN 136:397057

TI Phosphoribosylformylglycinamide synthase and other soybean genes  
up-regulated during nematode infection and their use in preparing  
\*\*\*transformed\*\*\* nematode-resistant plants

IN MacKenzie, Sally A.; Baghchhipawala, Zarir; Bassuner, Ronald

PA The Board of Regents of the University of Nebraska, USA

SO PCT Int. Appl., 94 pp.

CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002042478	A2	20020530	WO 2001-US44054	20011120
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2000-252214P	P	20001121		

L4 ANSWER 2 OF 8 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.  
AN 2001193245 EMBASE  
TI Sense- and antisense-mediated gene silencing in tobacco is inhibited by the same viral suppressors and is associated with accumulation of small RNAs.  
AU Di Serio F.; Schob H.; Iglesias A.; Tarina C.; Bouldoires E.; Meins F. Jr.  
CS F. Meins Jr., Friedrich Miescher Institute, Novartis Research Foundation, Maulbeerstrasse 66, CH-4058 Basel, Switzerland. meins@fmi.ch  
SO Proceedings of the National Academy of Sciences of the United States of America, (22 May 2001) 98/11 (6506-6510).  
Refs: 46  
ISSN: 0027-8424 CODEN: PNASA6  
CY United States  
DT Journal; Article  
FS 029 Clinical Biochemistry  
LA English  
SL English

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2002 ACS  
AN 2001:422799 CAPLUS  
DN 135:208164  
TI Copy-DNA cloning and characterization of a \*\*\*potato\*\*\* .alpha.-  
\*\*\*glucosidase\*\*\* : expression in Escherichia coli and effects of down-regulation in transgenic \*\*\*potato\*\*\*  
AU Taylor, Mark A.; Ross, Heather A.; McRae, Diane; Wright, Frank; Viola, Roberto; Davies, Howard V.  
CS Unit of Plant Biochemistry, Scottish Crop Research Institute, Dundee, Invergowrie, DD2 5DA, UK  
SO Planta (2001), 213(2), 258-264  
CODEN: PLANAB; ISSN: 0032-0935  
PB Springer-Verlag  
DT Journal  
LA English  
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:145000 CAPLUS  
DN 132:190524

TI A novel plastid-targeting nucleic acid sequence, a novel .beta.-amylase  
 sequence, and a stimulus-responsive promoter from Arabidopsis thaliana  
 IN Kavanagh, Thomas Anthony; Lao, Nga Thi  
 PA Advanced Technologies (Cambridge) Limited, UK  
 SO PCT Int. Appl., 74 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000011144	A2	20000302	WO 1999-GB2697	19990813
	WO 2000011144	A3	20000908		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9954326	A1	20000314	AU 1999-54326	19990813
	EP 1105468	A2	20010613	EP 1999-940330	19990813
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	BR 9914299	A	20011127	BR 1999-14299	19990813
	JP 2002523040	T2	20020730	JP 2000-566401	19990813
PRAI	GB 1998-17959	A	19980819		
	GB 1998-17963	A	19980819		
	GB 1999-13014	A	19990605		
	WO 1999-GB2697	W	19990813		

=> d 14 5-8

L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2002 ACS  
 AN 1999:753351 CAPLUS  
 DN 132:946  
 TI Transgene identification in transgenic seeds using screenable markers  
 linked to aleurone-specific promoters  
 IN Kriz, Alan L.; Spencer, T. Michael  
 PA Dekalb Genetics Corporation, USA  
 SO PCT Int. Appl., 177 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9960129	A1	19991125	WO 1999-US11023	19990518
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,			

ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,  
 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6307123	B1	20011023	US 1998-80625	19980518
AU 9939053	A1	19991206	AU 1999-39053	19990518
US 6433252	B1	20020813	US 2000-695782	20001024
PRAI US 1998-80625	A2	19980518		
WO 1999-US11023	W	19990518		

RE.CNT 8      THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4    ANSWER 6 OF 8    CAPLUS    COPYRIGHT 2002 ACS  
 AN    1997:532524    CAPLUS  
 DN    127:145926  
 TI    \*\*\*Potato\*\*\*    .alpha.-    \*\*\*glucosidase\*\*\*    cDNA sequence, antisense  
       sequences, recombinant enzyme, and genetic engineering plants with  
       modified starch breakdown  
 IN    Taylor, Mark Andrew; Davies, Howard Vivian  
 PA    Nickerson Biocem Limited, UK; Taylor, Mark Andrew; Davies, Howard Vivian  
 SO    PCT Int. Appl., 39 pp.  
       CODEN: PIXXD2  
 DT    Patent  
 LA    English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9724448	A1	19970710	WO 1996-GB3239	19961224
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9712044	A1	19970728	AU 1997-12044	19961224
PRAI	GB 1995-26613		19951228		
	WO 1996-GB3239		19961224		

L4    ANSWER 7 OF 8    CAPLUS    COPYRIGHT 2002 ACS  
 AN    1997:390695    CAPLUS  
 DN    127:1647  
 TI    Glucan production by plants modulation by maltooligosaccharides, plant  
       granule-bound starch synthase I in glucan production, and genetic  
       engineering to regulate maltooligosaccharide content  
 IN    Smith, Alison Mary; Denyer, Kay  
 PA    John Innes Centre Innovations Limited, UK; Smith, Alison Mary; Denyer, Kay  
 SO    PCT Int. Appl., 85 pp.  
       CODEN: PIXXD2  
 DT    Patent  
 LA    English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9716554	A1	19970509	WO 1996-GB2696	19961104
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,				

RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN,  
 AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,  
 IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG  
 AU 9673239 A1 19970522 AU 1996-73239 19961104  
 AU 720418 B2 20000601  
 EP 871744 A1 19981021 EP 1996-935165 19961104  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI  
 JP 11514521 T2 19991214 JP 1997-517171 19961104  
 PRAI GB 1995-22589 A 19951103  
 WO 1996-GB2696 W 19961104

L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS  
 AN 1969:520701 CAPLUS  
 DN 71:120701  
 TI \*\*\*Transformation\*\*\* of starch by Rhizobium species  
 AU Mukerji, B. K.; Johari, D. P.  
 CS Indian Inst. Sugarcane Res., Lucknow, India  
 SO Indian J. Agr. Sci. (1968), 38(6), 964-70  
 CODEN: IJASA3  
 DT Journal  
 LA English

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	19.62	19.83

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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: Sep 27, 2002 (20020927/UP).

=> d 14 6 ab

YOU HAVE REQUESTED DATA FROM FILE 'EMBASE, CAPLUS' - CONTINUE? (Y)/N:y

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS  
 AB The present invention provides recombinant or isolated nucleic acid  
 encoding .alpha.- \*\*\*glucosidase\*\*\*, esp. those nucleic acid sequences  
 encoding a plant .alpha.- \*\*\*glucosidase\*\*\*. Antisense nucleic acid is  
 also provided, as well as the use of both the isolated or recombinant  
 sequences and the antisense sequences. Uses of the invention include  
 enhancing and reducing expression of .alpha.- \*\*\*glucosidases\*\*\* and  
 the provision of novel starches. Examples include the \*\*\*potato\*\*\*  
 cultivar Record gene MAL1 .alpha.- \*\*\*glucosidase\*\*\* cDNA sequence and  
 recombinant prodn. Plants \*\*\*transformed\*\*\* with vectors contg. the  
 MAL1 sequence in antisense orientation had altered starch turnover rates  
 and maltose and sucrose contents.

=> d 14 6

YOU HAVE REQUESTED DATA FROM FILE 'EMBASE, CAPLUS' - CONTINUE? (Y)/N:y

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS  
AN 1997:532524 CAPLUS  
DN 127:145926  
TI \*\*\*Potato\*\*\* .alpha.- \*\*\*glucosidase\*\*\* cDNA sequence, antisense  
sequences, recombinant enzyme, and genetic engineering plants with  
modified starch breakdown  
IN Taylor, Mark Andrew; Davies, Howard Vivian  
PA Nickerson Biocem Limited, UK; Taylor, Mark Andrew; Davies, Howard Vivian  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9724448	A1	19970710	WO 1996-GB3239	19961224
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				
	DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC,				
	LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,				
	RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN,				
	AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,				
	IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,				
	MR, NE, SN, TD, TG				
	AU 9712044	A1	19970728	AU 1997-12044	19961224
PRAI	GB 1995-26613		19951228		
	WO 1996-GB3239		19961224		

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=> LOG Y

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FULL ESTIMATED COST	0.12	25.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
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